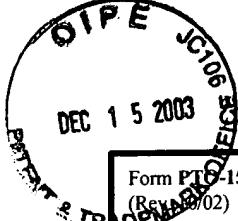


DEC 15 2003



Form PTO-1595

(Rev. 07/02)

OMB No. 0651-0027 (exp. 6/30/2005)

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office**PATENTS ONLY**

Tab settings → → →

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Sam-Shajing Sun

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: 11/14/2002

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 10/714230

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kimberly A. Chasteen

Williams Mullen  
Internal Address: \_\_\_\_\_

Street Address: 1 Old Oyster Point Road

Suite 210

City: Newport News State: VA Zip: 23602

6. Total number of applications and patents involved: 

7. Total fee (37 CFR 3.41). \$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

50-0766

## 9. Signature.

Kimberly A. Chasteen

Name of Person Signing

Signature

12/12/03

Date

Total number of pages including cover sheet, attachments, and documents: 

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**ASSIGNMENT OF APPLICATION**Docket Number (Optional)  
036021.0001

Whereas, I, Sam-Shajing Sun of CHESAPEAKE, VA, hereafter referred to as applicant, have invented certain new and useful improvements in

A Photovoltaic Device Based on Conjugated Block Copolymers

for which an application for a United States Patent was filed on \_\_\_\_\_, Application Number \_\_\_\_\_/\_\_\_\_\_.

for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Norfolk State University of Norfolk, Virginia herein referred to as "assignee" whose post office address is \_\_\_\_\_ is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of \_\_\_\_\_ dollars (\$ \_\_\_\_\_), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this \_\_\_\_\_ day of November 14, 2002,  
at Virginia Beach VA


  
(Signature)

State of Virginia

SS:

County of Virginia Beach

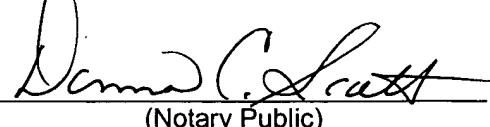
Before me personally appeared said Sam-Shajing Sun

and acknowledged the foregoing instrument to be his free act and deed this

day of November, 2002.

14/02

My Commission Expires: Dec 31, 2004  
Seal


  
(Notary Public)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 40.00)**Complete if Known**

Application Number	10/714230
Filing Date	11/14/03
First Named Inventor	Sam-Shajing Sun
Examiner Name	
Art Unit	
Attorney Docket No.	036021.0001

**METHOD OF PAYMENT (check all that apply)**
 Check    Credit card    Money Order    Other    None
 Deposit Account:

Deposit Account Number	50-0766
Deposit Account Name	Williams Mullen

The Director is authorized to: (check all that apply)

- 
- Charge fee(s) indicated below
- 
- Credit any overpayments
- 
- 
- Charge any additional fee(s) during the pendency of this application
- 
- 
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			- 3** =	X	=

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>		

\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 40.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Kimberly A. Chasteen	Registration No. (Attorney/Agent)	36,755	Telephone	757-249-7102
Signature	Kimberly A. Chasteen			Date	12/12/03

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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